

CLAIMS

1. A lancet to be attached to a lancing apparatus for moving
a lancing element in a lancing direction from a standby
5 position toward a lance position, the lancet comprising
a first member including a lancing element and a second
member for accommodating a tip of the lancing element,
the first member and the second member being movable
relative to each other;
- 10 wherein when a load greater than a predetermined value
is applied in a direction to cause the first member and
the second member to approach each other, the first member
is brought closer to the second member so that the tip
of the lancing element is capable of projecting from the
15 lancing element, whereas when the first member is brought
away from the second member, the tip of the lancing element
is accommodated in the second member without projecting
from the second member.
- 20 2. The lancet according to claim 1, further comprising
a fixer for fixing the second member to the first member
when the second member accommodates the lancing element.
- 25 3. The lancet according to claim 2, wherein the fixer
comprises a pair of projections which project at the first
member in a direction crossing the lancing direction and
which are spaced from each other in the lancing direction,

and

an engagement portion provided at the second member to be held between the paired projections.

5 4. The lancet according to claim 3, wherein the pair of projections comprises a first projection and a second projection which is closer to the lance position than the first projection and which projects more than the first projection.

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5. The lancet according to claim 4, wherein the second projection serves as a stopper for controlling the movement of the second member by engaging with the engagement portion of the second member when the second member moves relative to the first member in the lancing direction.

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6. The lancet according to claim 3, wherein at least either of the pair of projections and the engagement portion is annular.

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7. The lancet according to claim 3, wherein the first member includes a hole for accommodating an end of the second member and allowing movement of the second member; and

wherein the paired projections are formed at an inner surface of the hole.

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8. The lancet according to claim 7, wherein the hole has a bottom surface serving as a stopper for controlling the movement of the second member by engaging with the engagement portion of the second member when the second member moves relative to the first member in a direction opposite to the lancing direction.

9. The lancet according to claim 7, wherein the first member includes an additional hole communicating with the above-mentioned hole and extending in the lancing direction; and

wherein force is applicable to the second member in the lancing direction via the additional hole.

10. The lancet according to claim 1, wherein the second member accommodates the tip of the lancing element in a hermetically sealed state and includes a portion to be penetrated by the tip of the lancing element when the first and the second members are moved to approach each other.

11. The lancet according to claim 10, wherein the portion to be penetrated is integrally formed with the second member.

12. The lancet according to claim 11, wherein the portion to be penetrated is provided at a position retreating, in a direction opposite to the lancing direction, from

an end surface of the second member on a lancing direction side.

13. The lancet according to claim 10, wherein the portion
5 to be penetrated is provided by a sheet member attached.

14. A lancing apparatus which is used by mounting a lancet and which moves the lancet in a lancing direction from a standby position toward a lance position;

10 the lancet comprising a first member including a lancing element and a second member for accommodating a tip of the lancing element, the first member and the second member being movable relative to each other, wherein when a load greater than a predetermined value is applied in
15 a direction to cause the first member and the second member to approach each other, the first member is brought closer to the second member so that the tip of the lancing element is capable of projecting from the lancing element, whereas when the first member is brought away from the second member,
20 the tip of the lancing element is accommodated in the second member without projecting from the second member,

the lancing apparatus comprising:

a lancet holder for holding the lancet, the lancet holder being movable in the lancing direction; and
25 a mover which is movable relative to the lancet holder for moving the second member relative to the first member in the lancing direction, and for causing the tip of the

lancing element projecting from the second member to be brought into the second member to be accommodated therein.

15 15. The lancing apparatus according to claim 14, wherein the mover moves in the lancing direction to engage with the second member and moves the second member relative to the first member in the lancing direction, and thereafter pushes the lancet out of the lancet holder.

10 16. A lancet to be attached to a lancing apparatus for moving a lancing element from a standby position toward a lance position, the lancet comprising a first member including the lancing element and a second member for accommodating a tip of the lancing element;

15 wherein a position of the lancing element relative to the second member is adjustable by a rotational force applied from the lancing apparatus.

20 17. The lancet according to claim 16, wherein the first member or the second member is rotated by the rotational force applied from the lancing apparatus.

25 18. The lancet according to claim 17, wherein the first member or the second member is provided with an engagement portion to which the rotational force from the lancing apparatus is applied.

19. The lancet according to claim 16, further comprising a third member which is movable relative to the first member in a movement direction of the lancing element and which is rotatable relative to the second member;

5 wherein the adjustment of the position of the lancing element relative to the second member is performed by rotating the third member by the rotational force applied from the lancing apparatus.

10 20. The lancet according to claim 19, wherein the third member is provided with an engagement portion to which the rotational force from the lancing apparatus is applied.

15 21. The lancet according to claim 16, wherein the lancing element is accommodated in a hermetically sealed state.

22. A lancing apparatus to which a lancet is attached and which is designed to move the lancet from a standby position toward a lance position;

20 wherein the lancet comprises a first member including a lancing element and a second member for accommodating a tip of the lancing element, wherein a position of the lancing element relative to the second member is adjustable by application of a rotational force;

25 the lancing apparatus also comprises a rotator for applying, to the lancet, the rotational force for adjusting the relative position of the lancing element.

23. The lancing apparatus according to claim 22, wherein the lancet accommodates the lancing element in a hermetically sealed state,

the rotator being capable of moving the lancing element
5 in the lancing direction before lancing to break the hermetically sealed state, and capable of causing the lancing element to project from the second member.